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## ABOUT US

### Inderprastha Engineering College (IPEC) – a Glance

- Pioneer education provider in multi disciplines at undergraduate and postgraduate level (B.Tech,M.Tech,MBA, MCA, BBA, BCA)
- **NAACA+** accredited Institution, **NBA** accredited courses, ISO 9001:2015 Certified
- Carrying the successful legacy of **+25 years (Silver Jubilee)**
- Among **top 10 institutions** affiliated to Dr. APJ Abdul Kalam Technical University (AKTU, U.P.)
- Vision to provide **National Leadership** by excellence in Education, impacting society by *Globally competent technologies.*
  
- Highly inquisitive students who take risks, experiment, and put novel ideas into action.
- Holistic Development – Shaping young **Do Engineer leaders.**
- Have world class collaborative LEARNING infrastructure for teaching learning practices.
- Hiring *Distinguished faculty members* from the Institutes of repute.
- Our core belief is IPEC Team (I-Integrity, P-Perseverance, E-Encouragement, C-Courage, T- Transparency) leading to collaborative work accomplishment
- Hi – Tech, *Lush Green* Sprawling 7.81 acres, **vibrant Learning Ecosystem**, campus, just 2 Kms away from Anand Vihar ISBT (National Capital), in the midst of Industrial Area

We are looking for *passionate researchers/out of box thinkers/academicians* who have a **go-getter** attitude, have **fire to innovate**, works with **technology driven progressive mindset** and execute the concept of **sustainability** in each task in **learning process** delivery.

We are offering to the *right candidate an excellent compensation package* along with the tools and the environment to *foster intellect and new ideas.*

If you want to **CONTRIBUTE** meaningful to the society at large, join us.

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## ABOUT JOB

### A. Designation: Lab Technician – Mechanical Engineering

**B. Purpose:** The IDEA Lab Technician will support the smooth functioning of the Innovation, Design & Entrepreneurship Academy (IDEA) Lab by assisting in day-to-day operations, machine handling, student project support, maintenance, documentation, and ensuring a safe and efficient working environment. The role requires a technically skilled, proactive, and student-friendly individual.

### C. Knowledge

#### C.1 Technical Support

- Operate and maintain Lab equipment including **3D Printers, Laser Cutter, CNC Machine, Electronics Workbench, IoT Kits, Robotics Tools**, etc.
- Assist students and faculty in **prototyping, fabrication, and project development.**
- Troubleshoot technical issues and ensure machines remain functional.

#### C.2 Lab Operations & Management

- Daily **opening/closing** of the IDEA Lab.
- Maintain **inventory** of tools, materials, consumables, and spare parts.
- Ensure all equipment is calibrated and in working condition.
- Maintain **lab usage logs**, issue registers, and maintenance records.



### C.3 Training & Student Support

- Provide technical guidance during project work, competitions, and hackathons.
- Assist in conducting **workshops, demonstrations, training sessions**, and awareness programs.
- Support faculty in the preparation of learning material and lab manuals.

### C.4 Safety & Compliance

- Ensure all users follow **safety protocols and SOPs** for machines.
- Maintain cleanliness, ventilation, and proper layout of the lab.
- Report hazards or equipment issues promptly.

### C.5 Administrative Support

- Coordinate with vendors for maintenance and procurement.
- Assist in preparing documentation for reports, audits, and IIC/AICTE requirements.
- Support in organizing innovation-related events.

### D. Skills

Working knowledge of:

- ✓ D Printing (FDM/SLA)
- ✓ Laser Cutting Machine
- ✓ CNC Router/Engraver
- ✓ Soldering, PCB tools, multimeters
- ✓ Arduino / Raspberry Pi / IoT kits
- ✓ CAD tools such as Fusion 360, SolidWorks, or TinkerCAD
- Proactive and assertive
- Diligent and firm with high ethical standards

### E. Attributes

- Good communication and teamwork.
- Problem-solving attitude.
- Ability to guide students patiently.
- Record keeping and basic MS Office skills.
- Willingness to take responsibility for lab discipline.
- Ability to learn new technologies quickly.
- Readiness to work beyond hours during major innovation activities.

### F. Qualification & Year of Experience as per norms:

- Diploma / B.Tech in **Mechanical / Electrical / Electronics / Computer Science / Mechatronics** or equivalent.
- 0–2 years in a Fab Lab / Engineering Workshop / Makerspace (preferred).

### H. Salary as per norms

**I. Location:** Sahibabad, Ghaziabad, Uttar Pradesh (Delhi/NCR) (Near Vaishali Metro Station/ 2 Kms from Anand Vihar)

**J. Apply** for the position by sending your CV on [career@ipec.org.in](mailto:career@ipec.org.in) Or You may apply directly by visiting our website's career page at [www.ipec.org.in](http://www.ipec.org.in)